

## EAST Search History

| Ref # | Hits    | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|---|------------------|---------|------------------|
| S1    | 23048   | mfi or zsm5 or (zsm adj "5") or "zsm-5" or silcalite or silicallite or ams1b or "ams-1b" or (ams adj "1b") or az1 or "az-1" or ((az or fz) adj "1") or "bor-c" or (bor adj c) or borc or boralite or encilite or fz1 or "fz-1" or lz105 or "lz-105" or (lz adj "105") or nu4 or nu5 or "nu-4" or "nu-5" or (nu adj ("4" or "5")) or (tsz adj iii) or "tsz-iii" or tszii or tsz or (tz adj "01") or "tz-01" or tz01 or usc4 or "usc-4" or (usc adj "4") or usi108 or "usi-108" or (usi adj "108") or zbh or (zkb adj "1b") or "zkb-1b" or zkb1b or zmqtb or "zmq-tb" or (zmq adj tb) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/06/29 09:09 |
| S2    | 1260169 | binder or matrix  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/06/29 09:11 |
| S3    | 761712  | sio2 or si02 or "sio.sub.2" or silica   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/06/29 09:12 |
| S4    | 761982  | S3 or "si0.sub.2"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/06/29 09:12 |
| S5    | 555883  | steam or hydrothermal or hydrothermally or steaming   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/06/29 10:15 |
| S6    | 3392892 | complexing or complex or edta or chelating or chelate or acid   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/06/29 09:14 |
| S7    | 23368   | S2 near5 S3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/06/29 09:15 |

## EAST Search History

|     |        |  |   |    |     |                  |
|-----|--------|--|---|----|-----|------------------|
| S8  | 13     | (S1 with S7) same S5 same S6   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/29 10:09 |
| S9  | 19     | (S1 with S2 with S3) same S5 same S6                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/29 10:16 |
| S10 | 6      | S9 not S8  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/29 10:10 |
| S12 | 562609 | steam or hydrothermal or hydrothermally or steaming or steamed or steams | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/29 10:16 |
| S13 | 43     | S1 same S2 same S3 same S5 same S6                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/29 10:16 |
| S15 | 45     | S1 same S2 same S3 same S12 same S6                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/29 10:18 |
| S16 | 26     | S15 not S9   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/29 10:35 |
| S17 | 1      | ("4579993").PN.  | US-PGPUB;<br>USPAT                                    | OR | OFF | 2006/06/29 10:35 |